



E. I. DU PONT DE NEMOURS & COMPANY

INCORPORATED

WILMINGTON, DELAWARE 19898

CHEMICALS AND PIGMENTS DEPARTMENT
JACKSON LABORATORY

Research & Development Division
Performance Products Section

cc *Long Files*

1. Either 2.5 MM or 5 MM LBS.
2. Prod. rate 1 MM LB/1000 GAL/yr
3. Cycle time - 2 days/box
4. Review waste treatment

Rec'd 11/23/87

November 17, 1987

Cedar Chemical Corporation
1 Greentree Center
Suite 201
Marlton, New Jersey 08053

Attention: Mr. Ron Cheves

Gentlemen:

Du Pont is interested in tolling a low molecular weight polymer and needs a manufacturer to make between one million and six million pounds of material. Please determine tolling costs and respond to Elaine Donald (302 774-2491) by telephone. She will then advise on formalizing your quotation.

Attached is our technology package pertaining to the manufacture of MPD-7102 and MPD-7200. It is submitted under the terms of the secrecy agreement signed by you on 11-11-87. This information package is based on technical data that Du Pont believes are reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. Please acknowledge receipt of this information by signing and returning the attached acknowledgement.

Additional points are:

- Long term, molten dimethyl terephthalate (DMT) is cost effective for Du Pont and tank truck weighing or metering during unloading would be needed to insure correct stoichiometry.

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Additional Points, continued

- Analysis by HPLC using solvent gradient is required for checking condensation completion. Du Pont's experience is that a Hewlett Packard 1090L HPLC is suitable.

Please call with any questions on (609) 540-4215.

Best regards,

Robert S. Nash
Robert S. Nash

Dr. Robert Halling
609 540 3513

RSN/rtk
Enclosure

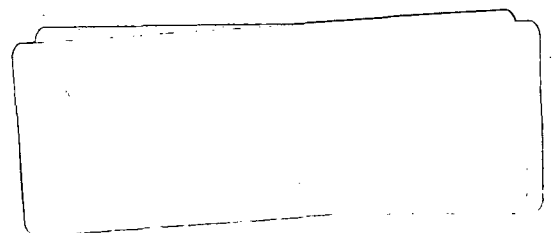
E.I. DUPONT DE NEMOURS AND CO.

ZELCON-7102

ZELCON-7200

C O N F I D E N T I A L I N F O R M A T I O N

R.A. HALLING
rev. 8/31/87



DUPONT.

CONFIDENTIAL INFORMATION

ZELCON-7102
ZELCON-7200

Principle

(b) (4)



(b) (4)



PROCESS STEPS AND LIMITS

(b) (4)



(b) (4)



(b) (4)



TENTATIVE PRODUCT SPECIFICATIONS FOR ZELCON-7102/7200

ZELCON-7102

(b) (4)



RAH/7/30
rev. 8/31/87

ANALYTICAL PROCEDURE

CHARACTERIZATION OF SHORT BLOCK POLYMER, TLF-7102

Scope

(b) (4)



Sample Preparation

(b) (4)



Gradient Program

Time % Reservoir B

(b) (4)



hplc/7/30